

RECMPCT/PTO 17 SEP 2002

Patents

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	Application of:)	
Lian	G, ET AL.)) `	Examiner:
Serial	No. 10/070,560)	Art Unit:
Filed:	September 14, 2000))	
For:	METHOD OF PRODUCING AND PURIFYING ENDOSTATIN PROTEIN))	

PETITION UNDER 37 C.F.R. § 1.47(A) FOR AN UNCOOPERATIVE INVENTOR

Commissioner of Patents & Trademarks **Box Petitions** Washington, DC 20231

Sir:

Pursuant to 37 C.F.R. §1.47(a), Applicants request the Commissioner to find that Lourdes L. Bermejo is an uncooperative inventor and enter Power of Attorney documents signed by the other co-inventors. The Power of Attorney documents are filed herewith. Lourdes L. Bermejo refuses to sign documents relating to the prosecution of the above-referenced application. Applicants have used diligent efforts in communicating with Ms. Bermejo and she continues to refuse to cooperate. The facts of that diligent effort are detailed below.

- 1. On May 8, 2001, Applicants' representative sent correspondence to Ms. Bermejo's employer at the time of invention, Covance Biotechnology Services, Inc. ("Covance"), requesting their assistance in obtaining execution of Declaration and Assignment documents from several of the inventors, including Ms. Bermejo. See Exhibit A
- 2. On May 10, 2001, Applicants' representative sent correspondence to Covance including corrected documents and again requesting their assistance in obtaining

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130.00 OP

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Box PCT, Washington, DC 2023l, on September 12, 2002.

execution of Declaration and Assignment documents from several of the inventors, including Ms. Bermejo. See Exhibit B.

- 3. On March 8, 2002, Applicants representative sent follow-up correspondence to Covance including additional copies of the Declaration and Assignment documents and again requesting their assistance in obtaining execution of these documents from several of the inventors, including Ms. Bermejo. See Exhibit C.
- 4. On April 26, 2002, Applicants representative sent a reminder to Covance comprising a photocopy of the letter from March 8, 2002. See Exhibit D.
- 5. On August 6, 2002, after being informed that Ms. Bermejo no longer was employed by Covance, Applicants' representative sent a Declaration and Assignment to Ms. Bermejo at her residence address. The documents were sent via Federal Express. The documents were returned as undelivered. See Exhibit E.
- 6. In the interim, Applicants' representative has obtained the execution of Declaration and Assignment from all of the other inventors, including those that worked at Covance.

Applicants' representatives have repeatedly attempted to contact Ms Bermejo and obtain her execution of the Declaration and Assignment documents. Ms. Bermejo has refused to respond and therefore has refused to cooperate with the prosecution of the above-referenced patent application. She refuses to execute documents necessary for the prosecution of the above-referenced patent. Therefore, Applicants request that the Commissioner find Lourdes L. Bermejo to be an uncooperative inventor. Furthermore, Applicants request that the Declaration and Power of Attorney be entered and Kilpatrick Stockton, LLP be appointed representatives of the Applicants for prosecution.

The Commissioner is encouraged to contact the undersigned attorney of record by telephone at (404)-815-6500 if such contact would facilitate the grant of this Petition.

The appropriate fee of \$130.00 as required by 37 C.F.R. § 1.17(h) accompanies this Petition.

Serial No. 10/070,560 File No. 05213-0551US

No additional fees are believed due; however, the Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, to Deposit Account No. 11-0855.

Respectfully submitted,

By: Theodore M. Green Reg. No. 41,801

Whosh M De

KILPATRICK STOCKTON LLP Suite 2800 1100 Peachtree Street Atlanta, Georgia 30309-4530 404/815-6500

Atty. Docket: 05213-0551US Atty. File: 43170-258385

KILPATRICK STOCKTON LLP

Attorneys at Law 2400 Monarch Tower 3424 Peachtree Road, NE Atlanta, Georgia 30326 Telephone: 404.949.3999 Facsimile: 404.949.3990

FILE COPY

May 8, 2001

E-mail: CSpain@KilpatrickStockton.com Direct Dial: 404.949.2469

VIA FEDERAL EXPRESS

Web site: www.kilpatrickstockton.com

4461

Ms. Laura Sharpe Covance Biotechnology Services, Inc. 6501 Weston Parkway Suite 200 Cary, NC 27513

Re:

International Patent Application No. PCT/US00/25166

Entitled: Method of Producing and Purifying Endostatin Protein Our File: 05213-0551WP (KS: 43170-247092) and 05213-0551US

Dear Ms. Sharpe:

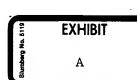
Pursuant to instructions from Mr. Lias, we are requesting your assistance in obtaining signatures from certain inventors that are located at Covance on the documents described herein.

In order to complete the filing requirements for the above-referenced international patent application, we must submit Assignment Nunc Pro Tunc documents executed by Renee J. Boerner, Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard and Jeffrey L. Schrimsher. These Assignments transfer the full, exclusive and entire right, title and interest to the patent application, including all divisions, continuations and reissues thereof to Covance Biotechnology Services, Inc. If the enclosed Assignment Nunc Pro Tunc documents are accurate, please have each of the inventors referenced above sign and date their respective document where indicated and return them to us at your earliest convenience.

Further, we are filing a U.S. national phase patent application directed to the above-referenced international patent application. In order to complete the filing requirements in the U.S. Patent and Trademark Office, we must submit a Declaration and Power of Attorney executed by Renee J. Boerner, Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard and Jeffrey L. Schrimsher. If the enclosed Declaration and Power of Attorney documents are accurate, please have each of the inventors referenced above sign and date their respective document where indicated and return them to us at your earliest convenience.

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Atlanta • Augusta • Brussels • Charlotte • London Miami • Raleigh • Reston • Stockholm • Washington • Winston-Salem



KILPATRICK STOCKTON

Ms. Laura Sharpe May 8, 2001 Page 2

If you have any questions or require additional information, please do not hesitate to contact us.

Thank you for your assistance.

Cordially yours,

Cheryl N. Spain

Paralegal

CNS/lnm Enclosures

cc: James Dean Johnson, Ph.D.

John K. McDonald, Ph.D.

KILPATRICK STOCKTON LLP

Attorneys at Law
2400 Monarch Tower
3424 Peachtree Road, NE
Atlanta, Georgia 30326
Telephone: 404.949.3999
Facsimile: 404.949.3990
Web site: www.kilpatrickstockton.com

FILE COPY

May 10, 2001

E-mail: CSpain@KilpatrickStockton.com Direct Dial: 404.949.2469

VIA FEDERAL EXPRESS

Ms. Laura Sharpe Covance Biotechnology Services, Inc. 6501 Weston Parkway Suite 200 Cary, NC 27513

Re: International Patent Application No. PCT/US00/25166

Entitled: Method of Producing and Purifying Endostatin Protein Our File: 05213-0551WP (KS: 43170-247092) and 05213-0551US

Re: International Patent Application No. PCT/US00/32843

Entitled: Method of Producing and Purifying Angiostatin Protein Our File: 05213-0561WP and -0561US (KS: 43170-250438, 258386)

Dear Ms. Sharpe:

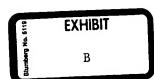
Pursuant to our telephone conversation, we are enclosing *corrected* documents for execution by the inventors that are located at Covance for International Patent Application No. PCT/US00/25166, entitled "Method of Producing and Purifying Endostatin Protein."

We are also enclosing documents for execution by these same inventors for International Patent Application No. PCT/US00/32843, entitled "Method of Producing and Purifying Angiostatin Protein."

In order to complete the filing requirements for the above-referenced international patent applications, we must submit Assignment Nunc Pro Tunc documents executed by Renee J. Boerner, Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard and Jeffrey L. Schrimsher. These Assignments transfer the full, exclusive and entire right, title and interest to the patent applications, including all divisions, continuations and reissues thereof to Covance Biotechnology Services, Inc. If the enclosed Assignment Nunc Pro Tunc documents are accurate, please have each of the inventors referenced above sign and date where indicated and return them to us at your earliest convenience.

ATLLIB02 43778.1

Atlanta • Augusta • Brussels • Charlotte • London Miami • Raleigh • Reston • Stockholm • Washington • Winston-Salem



KILPATRICK STOCKTO

Ms. Laura Sharpe May 10, 2001 Page 2

Further, we are filing U.S. national phase patent applications directed to the above-referenced international patent applications. In order to complete the filing requirements in the U.S. Patent and Trademark Office, we must submit a Declaration and Power of Attorney in each of the U.S. national phase patent applications executed by Renee J. Boerner, Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard and Jeffrey L. Schrimsher. If the enclosed Declaration and Power of Attorney documents are accurate, please have each of the inventors referenced above sign and date where indicated and return them to us at your earliest convenience.

If you have any questions or require additional information, please do not hesitate to contact us.

Thank you for your assistance.

Cordially yours,

Cheryl N. Spain

Paralegal

CNS/lnm Enclosures

cc:

James Dean Johnson, Ph.D. John K. McDonald, Ph.D.



Suite 2800 1100 Peachtree St. Atlanta GA 30309-4530 t 404 815 6500 f 404 815 6555 www.KilpatrickStockton.com

FILE COPY

direct dial 404 745 2470 direct fax 404 541 3297 JMcDonald@KilpatrickStockton.com

March 8, 2002

VIA FEDERAL EXPRESS

Roger Lias, Ph.D.
Diosynth RTP Inc.
6501 Weston Parkway, Suite 200
Cary, North Carolina 27513

Re:

U.S. National Phase Application of

International Patent Application No. PCT/US00/25166

Entitled: "METHOD OF PRODUCING AND PURIFYING ENDOSTATIN PROTEIN" Our File No.: 05213-0551US (43170-258385), 05213-0551WP (43170-247092)

Dear Dr. Lias:

05213-0551US - National Phase Patent Application

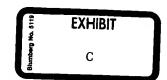
In order to complete the filing requirements in the U.S. Patent Office for the above-referenced National Phase application filed today, we must submit a Declaration and Power of Attorney. If the enclosed Declaration and Power of Attorney is accurate, please have the inventors sign and date the document where indicated.

We would appreciate your returning these documents to us at your earliest convenience in order to obtain an official filing date of the referenced application. An National Phase patent application filed in the U.S. Patent Office does not receive an "official" filing date until all parts of the application are filed, including the Declaration and Power of Attorney

05213-0551WP - PCT International Patent Application

It is our understanding that Covance Biotechnology Services, Inc. was purchased from Covance, Inc. in 2001 by Diosynth BV, and the corporate name was changed to Diosynth RTP Inc. It is our further understanding that the inventors employed by Covance Biotechnology Services, Inc. are under contractual obligation to assign their entire rights in the PCT international application to Covance Biotechnology Services, Inc. This assignment covers any related patent applications filed after the PCT international application, including the above-referenced U.S. National Phase application.

Since we are not familiar with the terms of the acquisition of Covance Biotechnology Services, Inc. from Diosynth BV, we cannot determine the appropriate method of transferring ownership, i.e. is this merely a change in the corporate name of Covance



Roger Lias, Ph.D. March 8, 2002 Page 2

Biotechnology Services, Inc., or, as it appears, is Covance Biotechnology Services, Inc. under new ownership?

We are enclosing an Assignment Nunc Pro Tunc for execution by the Covance inventors to Covance Biotechnology Services, Inc. since this was the correct corporate name of the assignee at the time the PCT international application was filed (September 14, 2000). Please let us know if you wish for us to prepare an Assignment from Covance Biotechnology Services, Inc. to Diosynth RTP Inc., assuming this is the entity who now owns the rights in the application and not Diosynth BV or Akzo Nobel.

It may be possible to effectuate a name change of the assignee (originally Covance Biotechnology Services, Inc.) simply by filing a certified copy of the Change of Corporate Name that was filed with the Delaware Secretary of State's Office with the U.S. Patent and Trademark Office. The official fee for obtaining a certified copy of the Change of Corporate Name is \$20.00, and there is a \$40.00 fee for recording the Change of Corporate Name with the U.S. Patent and Trademark Office. We will need authorization from you to obtain this document and a check from Diosynth RTP Inc in the amount of \$60.00, payable to "Kilpatrick Stockton LLP" if this is the procedure we follow.

If a new Assignment is not executed or the Change of Corporate Name document is not filed with the U.S. Patent and Trademark Office, the U.S. National Phase application will ultimately issue in the name of Covance Biotechnology Services, Inc., as the original assignee of the PCT International application.

We will <u>not</u> file any documents with the U.S. Patent and Trademark Office to effectuate the change in corporate name or new ownership without obtaining instructions from you to do so.

If you have any questions or require additional information, please do not hesitate to contact us.

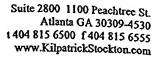
Cordially yours,

John K. McDonald, Ph.D.

JKM/CNS:cs Enclosures

cc: David L. Entin (w/o enclosures)

Shirley E. Brosmore (w/enclosures)





Attorneys at Law

March 8, 2002

direct dial 404 745 2470 direct fax 404 541 3297 JMcDonald@KilpatrickStockton.com

VIA FEDERAL EXPRESS

Roger Lias, Ph.D.
Diosynth RTP Inc.
6501 Weston Parkway, Suite 200
Cary, North Carolina 27513



Re:

U.S. National Phase Application of

International Patent Application No. PCT/US00/25166

Entitled: "METHOD OF PRODUCING AND PURIFYING ENDOSTATIN PROTEIN"
Our File No.: 052482055105 (43170-258385), 05213-0551WP (43170-247092)

Dear Dr. Lias:

05213-0551US - National Phase Patent Application

In order to complete the filing requirements in the U.S. Patent Office for the above-referenced National Phase application filed today, we must submit a Declaration and Power of Attorney. If the enclosed Declaration and Power of Attorney is accurate, please have the inventors sign and date the document where indicated.

We would appreciate your returning these documents to us at your earliest convenience in order to obtain an official filing date of the referenced application. An National Phase patent application filed in the U.S. Patent Office does not receive an "official" filing date until all parts of the application are filed, including the Declaration and Power of Attorney

05213-0551WP - PCT International Patent Application

It is our understanding that Covance Biotechnology Services, Inc. was purchased from Covance, Inc. in 2001 by Diosynth BV, and the corporate name was changed to Diosynth RTP Inc. It is our further understanding that the inventors employed by Covance Biotechnology Services, Inc. are under contractual obligation to assign their entire rights in the PCT international application to Covance Biotechnology Services, Inc. This assignment covers any related patent applications filed after the PCT international application, including the above-referenced U.S. National Phase application.

Since we are not familiar with the terms of the acquisition of Covance Biotechnology Services, Inc. from Diosynth BV, we cannot determine the appropriate method of transferring ownership, i.e. is this merely a change in the corporate name of Covance



Roger Lias, Ph.D. March 8, 2002 Page 2

Biotechnology Services, Inc., or, as it appears, is Covance Biotechnology Services, Inc. under new ownership?

We are enclosing an Assignment Nunc Pro Tunc for execution by the Covance inventors to Covance Biotechnology Services, Inc. since this was the correct corporate name of the assignee at the time the PCT international application was filed (September 14, 2000). Please let us know if you wish for us to prepare an Assignment from Covance Biotechnology Services, Inc. to Diosynth RTP Inc., assuming this is the entity who now owns the rights in the application and not Diosynth BV or Akzo Nobel.

It may be possible to effectuate a name change of the assignee (originally Covance Biotechnology Services, Inc.) simply by filing a certified copy of the Change of Corporate Name that was filed with the Delaware Secretary of State's Office with the U.S. Patent and Trademark Office. The official fee for obtaining a certified copy of the Change of Corporate Name is \$20.00, and there is a \$40.00 fee for recording the Change of Corporate Name with the U.S. Patent and Trademark Office. We will need authorization from you to obtain this document and a check from Diosynth RTP Inc in the amount of \$60.00, payable to "Kilpatrick Stockton LLP" if this is the procedure we follow.

If a new Assignment is not executed or the Change of Corporate Name document is not filed with the U.S. Patent and Trademark Office, the U.S. National Phase application will ultimately issue in the name of Covance Biotechnology Services, Inc., as the original assignee of the PCT International application.

We will <u>not</u> file any documents with the U.S. Patent and Trademark Office to effectuate the change in corporate name or new ownership without obtaining instructions from you to do so.

If you have any questions or require additional information, please do not hesitate to contact us.

Cordially yours,

John K. McDonald, Ph.D.

JKM/CNS:cs

Enclosures

cc: David L. Entin (w/o enclosures)

Shirley E. Brosmore (w/enclosures)



Suite 2800 1100 Peachtree St. Atlanta GA 30309-4530 t 404 815 6500 f 404 815 6555 www.KilpatrickStockton.com

August 6, 2002

direct dial 404 745 2415 direct fax: 404 541 3220 NGreen@KilpatrickStockton.com

Ms. Lourdes Bermejo 112 Durston Loop Morrisville, NC 27560 VIA FEDERAL EXPRESS

Re:

U.S. National Phase Patent Application of

International Patent Application No. PCT/US00/25166 entitled METHOD OF PRODUCING AND PURIFYING ENDOSTATIN PROTEIN

Our File: 05213-0551US (43170-258385)

Dear Ms. Bermejo:

In order to complete the filing requirements in the U.S. Patent and Trademark Office for the above-referenced National Phase patent application filed on March 8, 2002, we must submit a Declaration and Power of Attorney (revised). Please sign and date the enclosed document where indicated and return it to us as soon as possible. We must file the enclosed Declaration and Power of Attorney no later than August 12, 2002.

Also enclosed is an Assignment Nunc Pro Tunc transferring your rights in the above-referenced invention to Covance Biotechnology Services Inc. Please sign and date the enclosed Assignment and return it to us when you return the executed Declaration and Power of Attorney.

Please do not hesitate to contact us if you have any questions regarding this matter.

Cordially yours,

KILPATRICK STOCKTON LLP

By: Theodore M. Green

TMG:fy Enclosures

cc: David L. Entin

Shirley E. Brosmore w/enclosures

EXHIBIT

®

press

ALL INFORMATION AND POD INTO COSMOS**

Need apartment or suite number Incorrect recipient address/incomplete recipient address Recipient moved and left no forwarding address or phone Address is correct/Recipient no longer at this address

Not by Business closed / Not authorized to leave shipme

out a signature (Ist Attempt

☐ Holiday - Closed Signature required, please contact shipper for disposition

Package not attempted (mason)

☐ Refused (reason):_

Recipient requested hold for pickup

Collect on Delivery. Payment not available. Reattempt to

made on (date):__

Future delivery: Reattempt on (date)

Bill recipient shipment Payment not available. Reattempt be made on (date):___

Other:

POD MUST BE OBTAINED WHEN DELIVERY IS COMPLETED. Date: S. 7. O & Employee #...

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FOR IN STATION USE ONLY

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Comments:

DECLARATION AND POWER OF ATTORNEY

A 8

Attorney's Day No.: 05213-0551US (43170-258385)

In re Application of: Hong Liang, Kim Lee Sim, Xinhua Zhou, John Madsen, Amy Chang-Murad, Renee J. Boerner, Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard, and Jeffrey L. Schrimsher As a below named inventor, I hereby declare that:

inventor (if only one name matter which is claimed a Endostatin Protein, the specific is attaxing was fill hereby state that I have a amended by any amendment in the United States of Amecountry before my or our invention was not in public I understand that I have a disclose information which Regulations, §1.56.	is listed below) and for which a ceification of whe ched hereto. led on September reviewed and ut t referred to aborerica before my anyontion thereouse or on sale in duty of candor of the is material to	or an original, first and a patent is sought on the inderstand the contents over. I do not know and by or our invention thereof or more than one year in the United States of A and good faith toward the the examination of this	joint inventor (if plural name e invention entitled: Metho No. PCT/US00/25166. of the above-identified specified not believe that the same vof, or patented or described in prior to the date of this apprendict more than one year price Patent and Trademark Official application in accordance	e I am the original, first and sole is are listed below) of the subject d of Producing and Purifying lication, including the claims, as was ever known or used by others in any printed publication in any plication. I further state that the ior to the date of this application. It acknowledge the duty to with Title 37, Code of Federal
inventor's certificate listed	below, and ha	ive also identified below	w any foreign application for	oreign application(s) for patent or patent or inventor's certificate late before that of the application
Application No.	Country	Filing Date	Priority Claimed Unde	r 35 USC §119
			YesN	0
I hereby claim the benefit below:			119(e) of any United States	provisional application(s) listed
60/153,698 (Application No.)		ber 14, 1999 ng Date)	(Application No.)	(Filing Date)
the subject matter disclosed manner provided by the fi	d and claimed in the paragraph of the street it and the street it	n the present application of Title 35, United Stat Federal Regulations, §1.	n is not disclosed in the prior tes Code §112, I acknowledge .56 which became available be	on(s) listed below and, insofar as United States application in the ge the duty to disclose material etween the filing date of the prior
Application Serial No.		Filing Date	Status: patented, pe	nding, abandoned
belief are believed to be tru like so made are punishable such willful false statements	e; and further to by fine or imposing may jeopardize	that these statement were prisonment, or both, unde the validity of the application	made with the knowledge that er Section 1001 of Title 18 of cation or any patents issuing the	
POWER OF ATTORNEY: 7 the Patent and Trademark O				ation and transact all business in
Direct all correspondence to	: Customer Nu	mber 23370	AFFIX BAR	
Direct telephone calls at 404	I-815-6500, to	John K. McDonald, Ph.	CODE LABEL D. HERE	23370 PATENT TRADEMARK OFFICE
Full name of second invento	r, if any: Ho	ng Liang	Citizenship:	United States of America
Inventor's signature	Mr R	5		8(02
Residence and Post Office A	Address: 852	Bayridge Drive, Gaith		<u> </u>
Additional inventors are l	eing named on s	eparately numbered sheets a	attached hereto.	

ATLLIB02 74035.1

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DECLARATION AND POWED OF ATTORNEY

Attorney's Doctor No.: 05213-0551US (43170-258385)

In re Application of: Hong Liang, Kim Lee Sim, Xinhua Zhou, John Madsen, Amy Cilang-Murad, Renee J. Boerner, Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard, and Jeffrey L. Schrimsher As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Method of Producing and Purifying Endostatin Protein, the specification of which:						
inventor's certificate listed	below, and hav	e also identified below a	my foreign application for	or patent or inventor's certificate date before that of the application		
Application No.	Country	Filing Date	Priority Claimed Und	er 35 USC §119		
•		-	Yes N	10		
I hereby claim the benefit below: 60/153,698		United States Code, § 11	9(e) of any United States	s provisional application(s) listed		
(Application No.)		g Date)	(Application No.)	(Filing Date)		
the subject matter disclosed manner provided by the fit	and claimed in rst paragraph of the 37, Code of F	the present application is Title 35, United States Federal Regulations, §1.56	not disclosed in the prio Code §112, I acknowled which became available b	tion(s) listed below and, insofar as r United States application in the lge the duty to disclose material between the filing date of the prior		
Application Serial No.		Filing Date	Status: patented, po	ending, abandoned		
belief are believed to be true	e; and further the by fine or impri	at these statement were maisonment, or both, under S	ade with the knowledge the section 1001 of Title 18 of	tements made on information and at willful false statements and the f the United States Code, and that hereon.		
POWER OF ATTORNEY: T the Patent and Trademark O o				cation and transact all business in		
Direct all correspondence to	Customer Nun	nber 23370	AFFIX BAR	23370		
Direct telephone calls at 404	-815-6500, to Jo	hn K. McDonald, Ph.D.	CODE LABEL HERE	PATENT TRADEMARK OFFICE		
Full name of sole or first inv		ee Sim	Citizenship:	United States of America		
Inventor's signature		e sin		15/02		
Residence and Post Office A	·	rgosy Drive, Gaithersbur		-		
Additional inventors are b	eing named on sep	ourately numbered sheets attached	ched hereto.			

In re Application of: Hong Liang, Kim Lee Sim, Xinhua Zhou, John Madsen, Amy Chang-Murad, Renee J. Boerner, Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard, and Jeffrey L. Schrimsher As a below named inventor, i hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Method of Producing and Purifying Endostatin Protein, the specification of which: is attached hereto.					
was filed on September 14, 2000 as Application No. PCT/US00/25166. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.					
I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:					
Application No.	Country	Filing Date	Priority Claimed Unid	ler 35 USC §119	
			Yes N	No	
I hereby claim the benefit below:	under Title 35,	United States Code, § 1	119(e) of any United State	es provisional application(s) listed	
60/153,698		per 14, 1999			
(Application No.)	(Film	g Date)	(Application No.)	(Filing Date)	
the subject matter disclosed manner provided by the f	d and claimed in irst paragraph o itle 37, Code of l	the present application f Title 35, United State Federal Regulations, §1.5	is not disclosed in the prices Code §112, I acknowled 6 which became available I	tion(s) listed below and, insofar as or United States application in the dge the duty to disclose material between the filing date of the prior	
Application Serial No.		Filing Date	Status: patented, p	ending, abandoned	
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon. POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in					
the Patent and Trademark C	Office connected	therewith: Customer Nur	nber 23370	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 	
Direct all correspondence to	: Customer Nui	nber 23370	AFFIX BAR		
Direct telephone calls at 40-	4-815-6500, to Jo	ohn K. McDonald, Ph.D.	CODE LABEL HERE	23370 PATENT TRADEMARK OFFICE	
Full name of sole or first in	ventor: Amy	Chang-Murad	Citizenship:	United States of America	
Inventor's signature	X			102	
Residence and Post Office Address. 1906 Blankenship Drive, DeRidder, LA 70634					
Additional inventors are	being named on se	parately numbered sheets att	ached hereto.		
ATLLIB02 74041.1			•		

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In re Application of: Hong Liang, Kim Lee Sim, Xinhua Zhou, John Madsen, Amy Chang-Murad, Renee J. Boerner, Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard, and Jeffrey L. Schrimsher As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.	I believe I am the original, first and sole
inventor (if only one name is listed below) or an original, first and joint inventor (if plur	al names are listed below) of the subject
matter which is claimed and for which a patent is sought on the invention entitled:	Method of Producing and Purifying
Endostatin Protein, the specification of which:	

is attached hereto. was filed on September 14, 2000 as Application No. PCT/US00/25166.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Priority	Claimed Under 35 L	JSC §119
			Yes	No	
I hereby claim the benef below:	it under Title 35	i, United States	Code, § 119(e) of any	United States provi	isional application(s) listed
60/153,698 (Application No.)		nber 14, 1999 ing Date)	sec, (Applicati	ion No.)	(Filing Date)
I hereby claim the benefit	under Title 35. U	Juited States Coc	de, §120 of any United S	States application(s)	listed below and, insofar as

the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No. Filing Date Status: patented, pending, abandoned

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Customer Number 23370

Direct all correspondence to: Customer Number 23370

Direct telephone calls at 404-815-6500, to John K. McDonald, Ph.D.

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CODE LABEL

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Citizenship: **United States of America** Full name of sole or first inventor: Xinhau Zhou Inventor's signature 14628 Boat House Way, North Potomac, MD 20878

are being named on separately numbered sheets attached hereto.

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DECLARATION AND POWER OF ATTORNEY

Attorney's Doctor No.: 05213-0551US (43170-258385)

In re Application of: Hong Liang, Kim Lee Sim, Xinhua Zhou, John Madsen, Amy Chang-Murad, Renee J. Boerner, Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard, and Jeffrey L. Schrimsher As a below named inventor, I hereby declare that:

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inventor's certificate listed	below, and ha common with the	ve also identified below	any foreign application	ne foreign application(s) for patent or n for patent or inventor's certificate ng date before that of the application		
Application No.	Country	Filing Date	Priority Claimed L	Jnder 35 USC §119		
			Yes	No		
I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below: 60/153,698 (Application No.) September 14, 1999 (Application No.) (Filing Date) (Application No.) (Filing Date) I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior						
application and the national	or i or micriae	ional ming date of this app				
Application Serial No.		Filing Date	Status: patented	l, pending, abandoned		
belief are believed to be true like so made are punishable such willful false statements POWER OF ATTORNEY: T the Patent and Trademark O o Direct all correspondence to Direct telephone calls at 404	e; and further the by fine or imp may jeopardize the following at ffice connected: Customer Nu815-6500, to J	hat these statement were maisonment, or both, under a the validity of the applicate torneys are hereby appoint therewith: Customer Number 23370 ohn K. McDonald, Ph.D.	ade with the knowledg Section 1001 of Title I tion or any patents issuit ted to prosecute this ap ther 23370 AFFIX BAR CODE LABEL HERE	pplication and transact all business in 23370 PATENT TRADEMARK OFFICE		
Full name of sole or first inv	entor: Lohn	-Madsen	Citizenship:	United States of America		
Inventor's signature	_ Johns	Madson	Date: 3-1	19-09		
Residence and Post Office A	.ddress: 4409	Canton Avenue, Jefferso	on, IVID 21755 M.T)		
Additional inventors are b	eing named on se	eparately numbered sheets atta	ached hereto.			

ATLLIB02 74040.1

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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		Renee J. Boerner	Citizenship:	United States of America
>	Inventor's signature Re-	ee O. Boune	Date	50202
	Residence and Post Office Address:	106 Carterwood Court, Apex, NC 27	502	

Additional inventors are being named on separately numbered sheets attached hereto.

ATLLIB02 74005.1

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et No.: 05213-0551US (43170-258385)

Attorney's L n Lee Sim, Xinhua Zhou, John Madsen, Amy Ch In re Application of: Hong Lian Murad, Renee J. Boerner. Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard, and Jeffrey L. Schrimsher As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Method of Producing and Purifying Endostatin Protein, the specification of which: is attached hereto. was filed on September 14, 2000 as Application No. PCT/US00/25166. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed: Application No. Country Filing Date Priority Claimed Under 35 USC §119 No I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below: 60/153,698 September 14, 1999 (Application No.) (Filing Date) (Application No.) (Filing Date) I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: Application Serial No. Filing Date Status: patented, pending, abandoned I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon. POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Customer Number 23370 Direct all correspondence to: Customer Number 23370 AFFIX BAR CODE LABEL Direct telephone calls at 404-815-6500, to John K. McDonald, Ph.D. HERE PATENT TRADEMARK OFFICE Full name of third inventor, if any: Citizenship: India Inventor's signature 6011 2062 Date Residence and Post Office Address: 113 Hampshire Place, Chapel Hill, NC 27516 Additional inventors are being named on separately numbered sheets attached hereto.

ATLLIB02 74032.1

DECLARATION AND POWER **ATTORNEY** .et No.: 05213-0551US (43170-258385) Attorney's L lim Lee Sim, Xinhua Zhou, John Madsen, Amy C In re Application of: Hong Lia Murad, Renee J. Boerner. Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard, and Jeffrey L. Schrimsher As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Method of Producing and Purifying Endostatin Protein, the specification of which: is attached hereto. was filed on September 14, 2000 as Application No. PCT/US00/25166. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed: Application No. Country Filing Date Priority Claimed Under 35 USC §119 I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below: 60/153,698 September 14, 1999 (Application No.) (Filing Date) (Filing Date) I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: Application Serial No. Filing Date Status: patented, pending, abandoned such willful false statements may jeopardize the validity of the application or any patents issuing thereon. POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in

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the Patent and Trademark Office connected therewith: Customer Number 23370

Direct all correspondence to: Customer Number 23370

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Direct telephone calls at 404-815-6500, to John K. McDonald, Ph.D.

HERE

Full name of fourth intentor, if an	: Scot R. Shepard	Citizenship:	United States of America
Inventor's signatur	tot L. Shroan		0002
Residence and Post Office Address	: 1028 Swift Creek Drive, Clay	ton, NC 27520	

Additional inventors are being named on separately numbered sheets attached hereto.

In re Application of: Hong Lia lim Lee Sim, Xinhua Zhou, John Madsen, Amy O -Murad, Renee J. Boerner. Lourdes L. Bermejo, Firoz Rustom Mistry, Scot R. Shepard, and Jeffrey L. Schrimsher As a below named inventor, I hereby declare that:

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Application No.	Country	Filing Date	Priority Clain	ned Under 35	USC §119		
•			Yes	No			
I hereby claim the benef below:	it under Title 35	, United States Code,	§ 119(e) of any Unite	ed States prov	visional application(s) listed		
60/153,698 (Application No.)		nber 14, 1999 ing Date)	(Application No	p.)	(Filing Date)		
the subject matter disclos manner provided by the	ed and claimed i first paragraph of Title 37, Code of	in the present application of Title 35, United State Federal Regulations, §	on is not disclosed in ates Code §112, I ac 1.56 which became av	the prior Uni knowledge th	listed below and, insofar as ted States application in the e duty to disclose material en the filing date of the prior		
Application Serial No	<u>.</u>	Filing Date	Status: pat	ented, pending	g, abandoned		
belief are believed to be to like so made are punishab such willful false statemen	rue; and further of the by fine or implies may jeopardize The following a	that these statement wer orisonment, or both, und e the validity of the appl ttorneys are hereby app	e made with the know ler Section 1001 of Ti ication or any patents ointed to prosecute th	rledge that wil tle 18 of the U issuing thereous is application	ats made on information and alful false statements and the United States Code, and that n. and transact all business in		

Direct all correspondence to: Customer Number 23370

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	Full name of fourth inventor, if a	ny: Jeffrey L. Schrimsher	Citizenship	: United States of America
		Sheet ochumber	Date:	04-30-2002
70	Residence and Post Office Add	ss: ⁰ 2411 Hardwood Lane, Hillsborough	, NC 27278	NC
L				

Additional inventors are being named on separately numbered sheets attached hereto.